

Title (en)

Suction valve for compressor

Title (de)

Einlassventil für Kompressor

Title (fr)

Soupape d'admission pour compresseur

Publication

**EP 1041284 A2 20001004 (EN)**

Application

**EP 00302135 A 20000316**

Priority

JP 8670599 A 19990329

Abstract (en)

In a reciprocating compressor, a suction valve is abutted against a stopper to hold open a suction port even when the compressor is in a stop state. The suction valve is movable relative to the suction port to open or close the suction port. The stopper is for restricting movement of the suction valve. It is preferable that the suction port is formed in a valve plate placed between a cylinder block and a cylinder head.

IPC 1-7

**F04B 39/10**

IPC 8 full level

**F04B 39/10** (2006.01)

CPC (source: EP)

**F04B 39/1073** (2013.01)

Citation (applicant)

- US 4846049 A 19890711 - TERAUCHI KIYOSHI [JP]
- JP H0335899 A 19910215 - KOMATSU MFG CO LTD
- JP S5332881 A 19780328 - MITSUBISHI HEAVY IND LTD

Cited by

EP1300590A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 1041284 A2 20001004; EP 1041284 A3 20010314; JP 2000283042 A 20001010**

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**EP 00302135 A 20000316; JP 8670599 A 19990329**